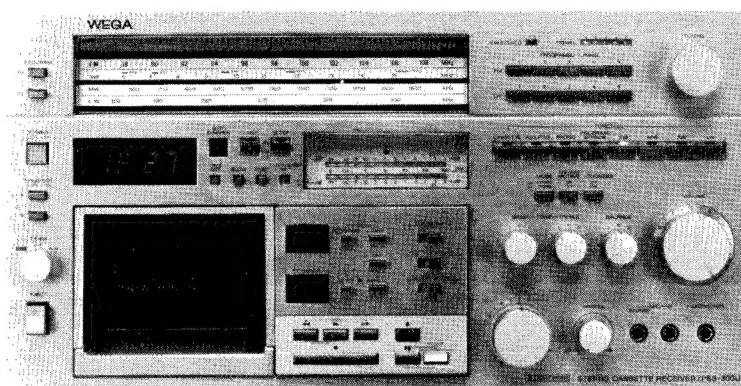


VORLÄUFIG - PRELIMINARY



INHALT

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TECHNISCHE DATEN

SPECIFICATIONS

| | |
|--|------------------------|
| Allgemeines | |
| Stromversorgung | 220V (50Hz) |
| Leistungsaufnahme | 240W |
| Abmessungen (B x H x T) | 455 x 240 x 267 |
| Gewicht | 15 kp. |
| Tonbandgerät | |
| Band (Spuren) | 4 stereo |
| Umspulzeit (Cass C-60) | 90 sec. |
| Frequenzbereich (DIN) mit Ferrochromband | 30Hz - 17kHz \pm 3dB |
| CrO ₂ | 30Hz - 16kHz \pm 3dB |
| Standardband | 30Hz - 15kHz \pm 3dB |
| Gleichaufschwankungen (DIN) | 0.14 % (DIN) |
| Geräuschspannungsabstand ohne Dolby | 56dB (DIN, NAB) |

| | |
|--------------------------------------|--|
| General | |
| <i>Power requirements</i> | |
| <i>Power consumption</i> | |
| <i>Dimensions (W x H x D)</i> | |
| <i>Weight</i> | |
| Tape recorder section | |
| <i>Track</i> | |
| <i>FF & REW Time (Cass C-60)</i> | |
| <i>Frequency Response (DIN)</i> | |
| <i>with Ferri-Chrome cassette</i> | |
| <i>with CrO₂ cassette</i> | |
| <i>with Standard cassette</i> | |
| <i>Wow and Flutter</i> | |
| <i>S/N Ratio</i> | |
| <i>Dolby off</i> | |

| | | |
|---|---|--|
| Empfängerteil Empfangsbereiche | FM 87,5 - 108 MHz MW 522 - 1602 kHz LW 150 - 350 kHz KW 5,8 - 15,8 MHz | Tuner Section Tuner range |
| Empfindlichkeit FM bei 40 kHz Hub/26 dB S/R | 1,6 μ V | Usable sensitivity FM at 40 kHz deviation 26 dB SN |
| MW/20 dB S/R | 35 μ V | MW - 20 db SN |
| LW | 100 μ V | LW |
| KW/20 dB SR | 20 μ V | SW - 20 dB SN |
| Klirrfaktor | | Harmonic distortion |
| FM | 0,1 % Mono | FM |
| FM | 0,3 % Stereo | FM |
| AM bis 5 mV 400 Hz | 0,5 % | AM at 5 mV 400 Hz |
| ZF | FM 10,7 | IF |
| Übersprechdämpfung | LW/MW/KW - 455 kHz > 50 dB | Crosstalk - attenuation |
| NF-Verstärkerteil Sinusausgangsleistung (8 Ω) | 2 x 40 W (1 kHz) | Audio Amplifier Section Continuous rms power (8 Ω) |
| Musikausgangsleistung (8 Ω) | 2 x 60 W | Dynamic power output (8 Ω) |
| Spitzenleistung (8 Ω) | 200 W | Peak power output (8 Ω) |
| Frequenzgang | Phono : RIAA \pm 2 dB AUX : 20 Hz - 50 kHz (\pm 3 dB) | Frequency response |
| Leistungsbandbreite | 10 Hz - 40 kHz (IHF) | Power bandwidth |
| Anschlüsse | Phono 3 mV/47 k Ω AUX 250 mV/47 k Ω MIC 35 mV/600 Ω 4 Ω - 8 Ω | Inputs |
| Lautsprecher | | Speaker |
| Kopfhörer : für alle Kopfhörer geeignet | | Headphones : accepts all low or high impedance headphones |
| Klinkenbuchse | 1 | Phone jack |
| Impedanz | 4 Ω - 8 Ω | Impedance |
| DIN-Buchse | REC OUT 250 mV/10 k Ω | DIN Connector |

| | Empfindlichkeit <i>Sensitivity</i> | Impedanz <i>Impedance</i> | Geräuschspannungs- abstand <i>S/N</i> | Bewertungs- filter <i>Weighting network</i> |
|-------|---------------------------------------|------------------------------|---|---|
| PHONO | 3 mV | 50 k Ω | 70 dB | A |
| TAPE | 150 mV | 100 k Ω | 90 dB | A |
| MICRO | 1 mV | 600 k Ω | 55 dB | A |


Gemessen mit 8 Ω Belastung (Stereo-Betrieb)
bei 1 kHz bezogen auf Vollaussteuerung

Measured with rated output power into 8 Ω loads
(both channels driven simultaneously) at 1 kHz


| | Spannung <i>Voltage</i> | Impedanz <i>Impedance</i> |
|---------|----------------------------|------------------------------|
| REC OUT | 250 mV | 10 k Ω |

0 dB = 0.775 V

ACHTUNG!

DIE IN DEN SCHALTBILDERN, DEN EXPLOSIONS-
ZEICHNUNGEN UND DER ERSATZTEILLISTE GRAU UN-
TERLEGTE UND MIT DIESEM ZEICHEN  GEKENN-
ZEICHNETEN BAUTEILE SIND FÜR DIE BETRIEBS-
SICHERHEIT WICHTIG. NUR DURCH ORIGINAL-WEGA-
TEILE ERSETZEN. SACHNUMMERN SIND IN DIESEM
HANDBUCH, ODER IN VON WEGA HERAUSGEGEBE-
NEN ERGÄNZUNGEN.

SAFETY-RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY SHADING AND MARK
 ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS
AND IN THE PARTS LIST ARE CRITICAL TO SAFE
OPERATION. REPLACE THESE COMPONENTS WITH
WEGA PARTS WHOSE PART NUMBERS APPEAR AS
SHOWN IN THIS MANUAL OR IN SUPPLEMENTS
PUBLISHED BY WEGA.

TEIL 1 SCHALTBILDER

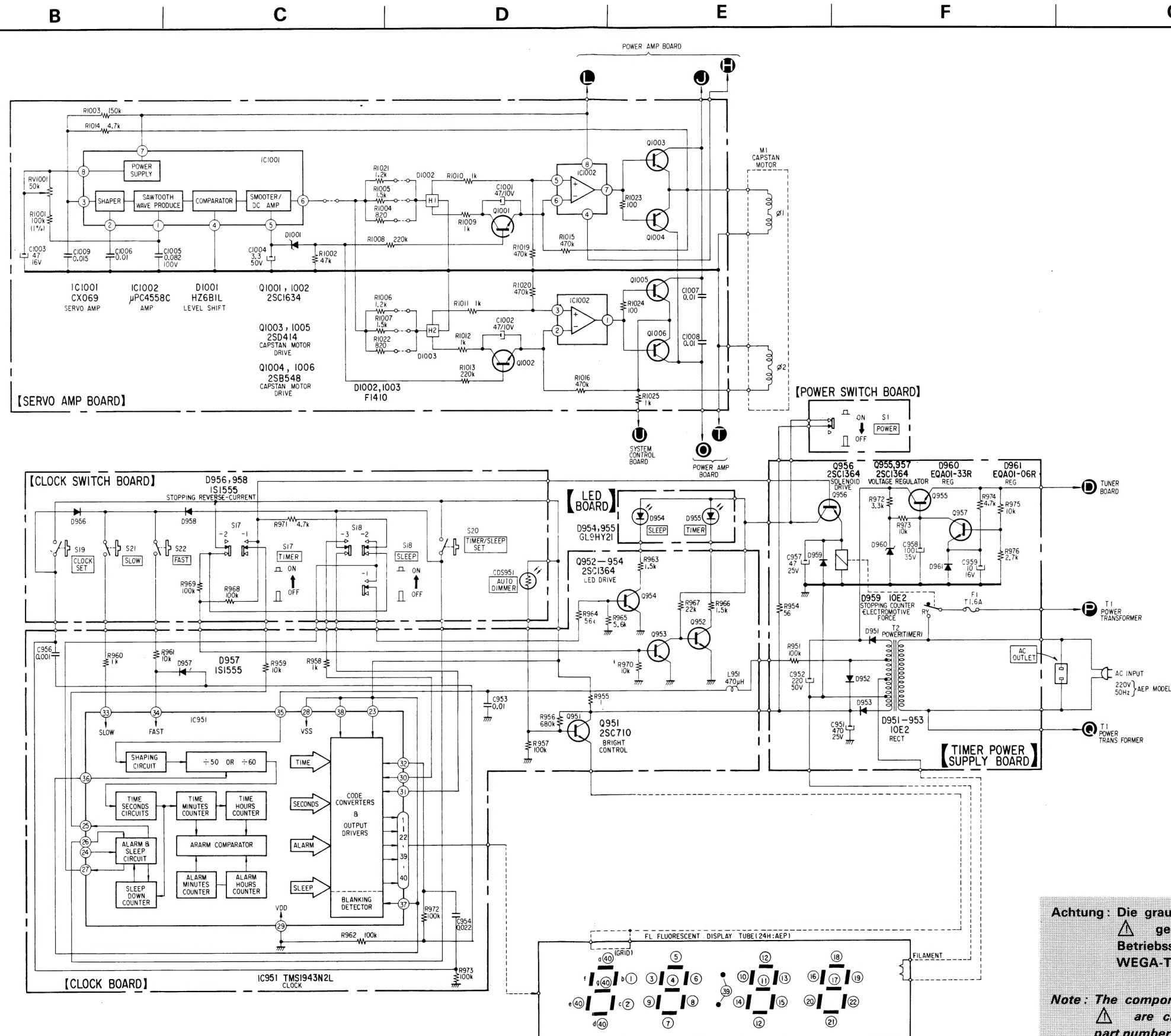
1-1. FUNKTIONSSCHALTBILD


– Servo-Amp und Timer –


SECTION 1 DIAGRAMS

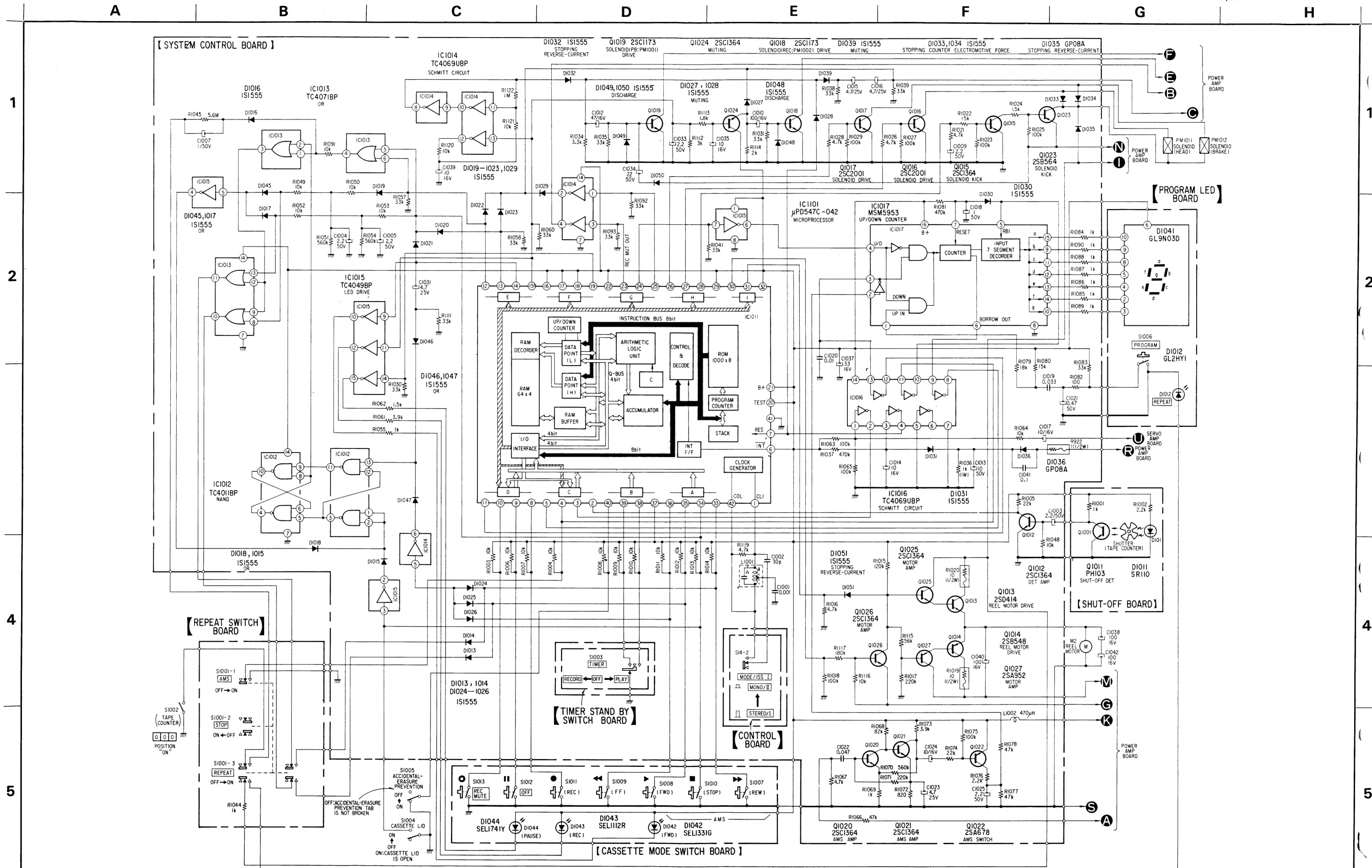
1-1. SCHEMATIC DIAGRAM

– Servo Amp and Timer –



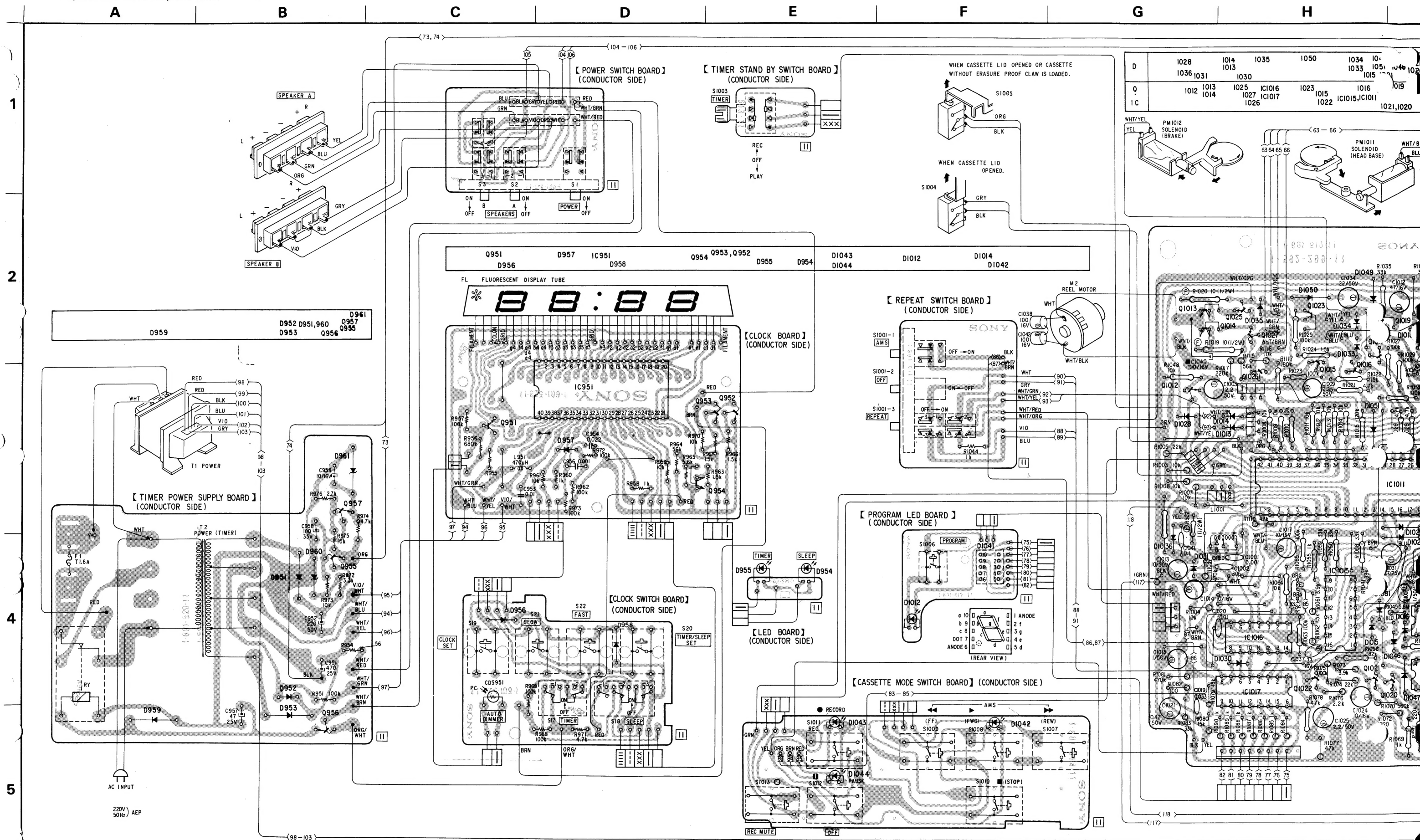
Achtung: Die grau unterlegten und mit diesem Zeichen  gekennzeichneten Bauteile sind für die Betriebssicherheit wichtig. Nur durch Original-WEGA-Teile ersetzen.


Note: The components identified by shading and mark  are critical for safety. Replace only with part number specified.



– Syscon und Servo-Amp und Timer –

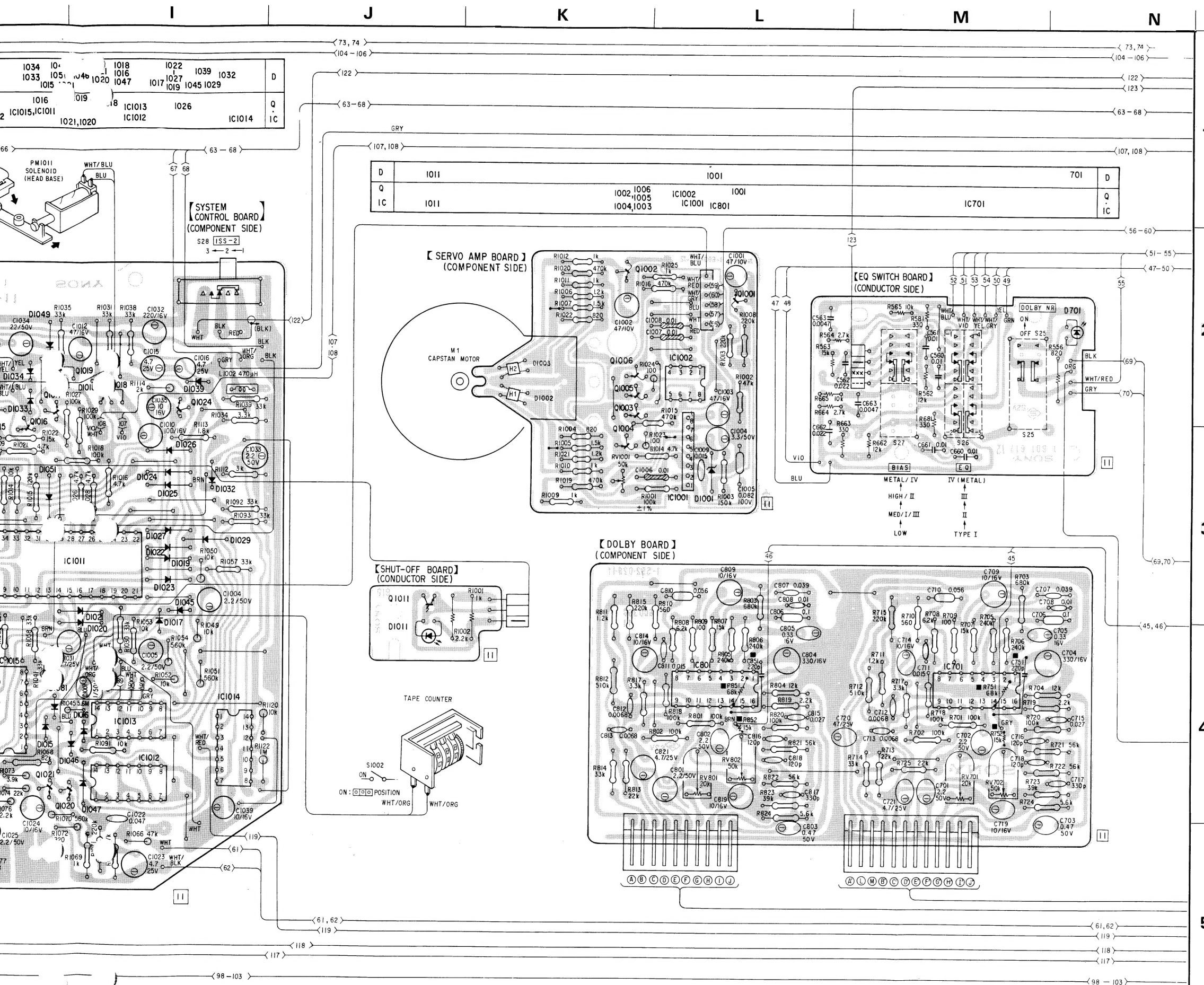
PSS-300 U




Achtung: Die grau unterlegten und mit diesem Zeichen  gekennzeichneten Bauteile sind für die Betriebssicherheit wichtig. Nur durch Original-WEGA-Teile ersetzen.

1-3. MOUNTING DIAGRAM

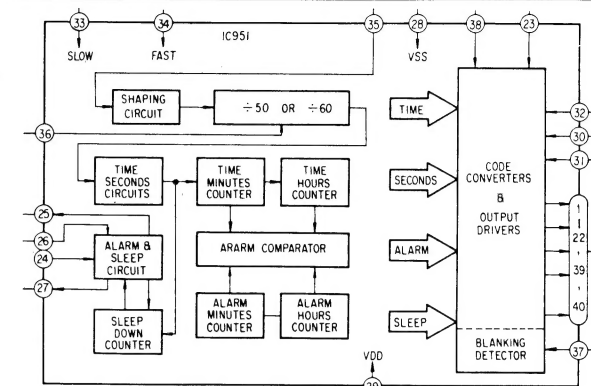
– Syscon and Servo Amp and Timer –



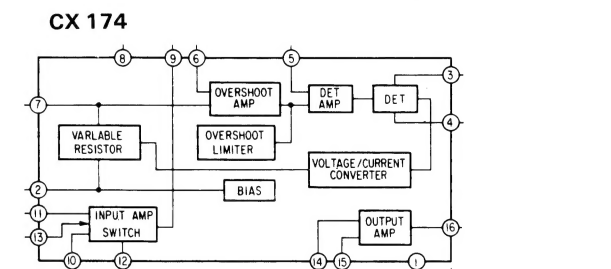
Note: The components identified by shading and mark  are critical for safety. Replace only with part number specified.

IS BLOCKSCHALTBILDER *IC BLOCK DIAGRAMS*

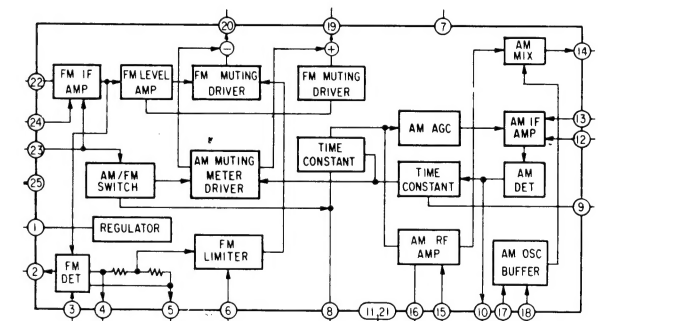
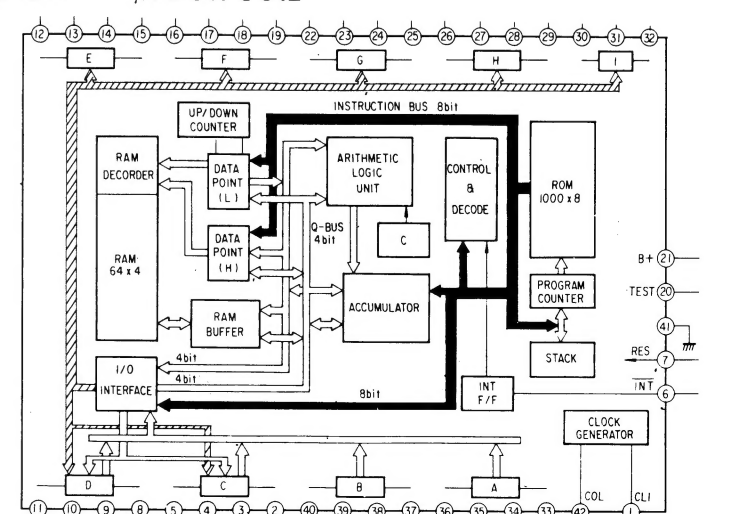
IC 951 :
TMS 1943 V2L



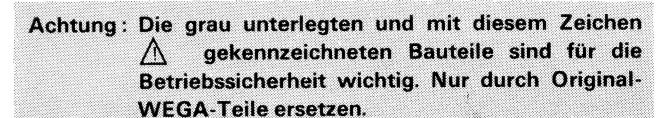
IC 701, 801

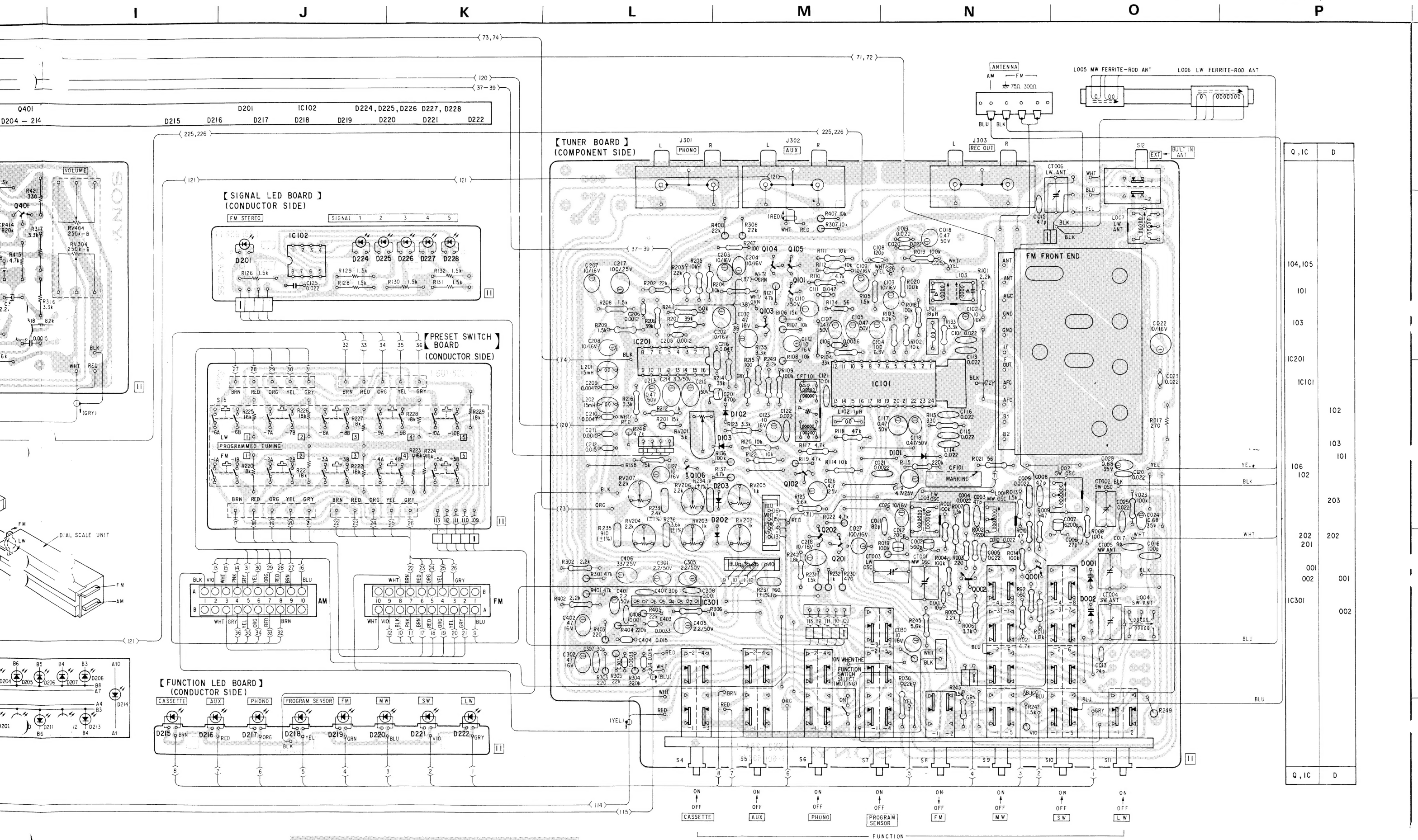


IC 101 CX 168

IC 1011 μ PD 547 C 042

– Audio-Amp –



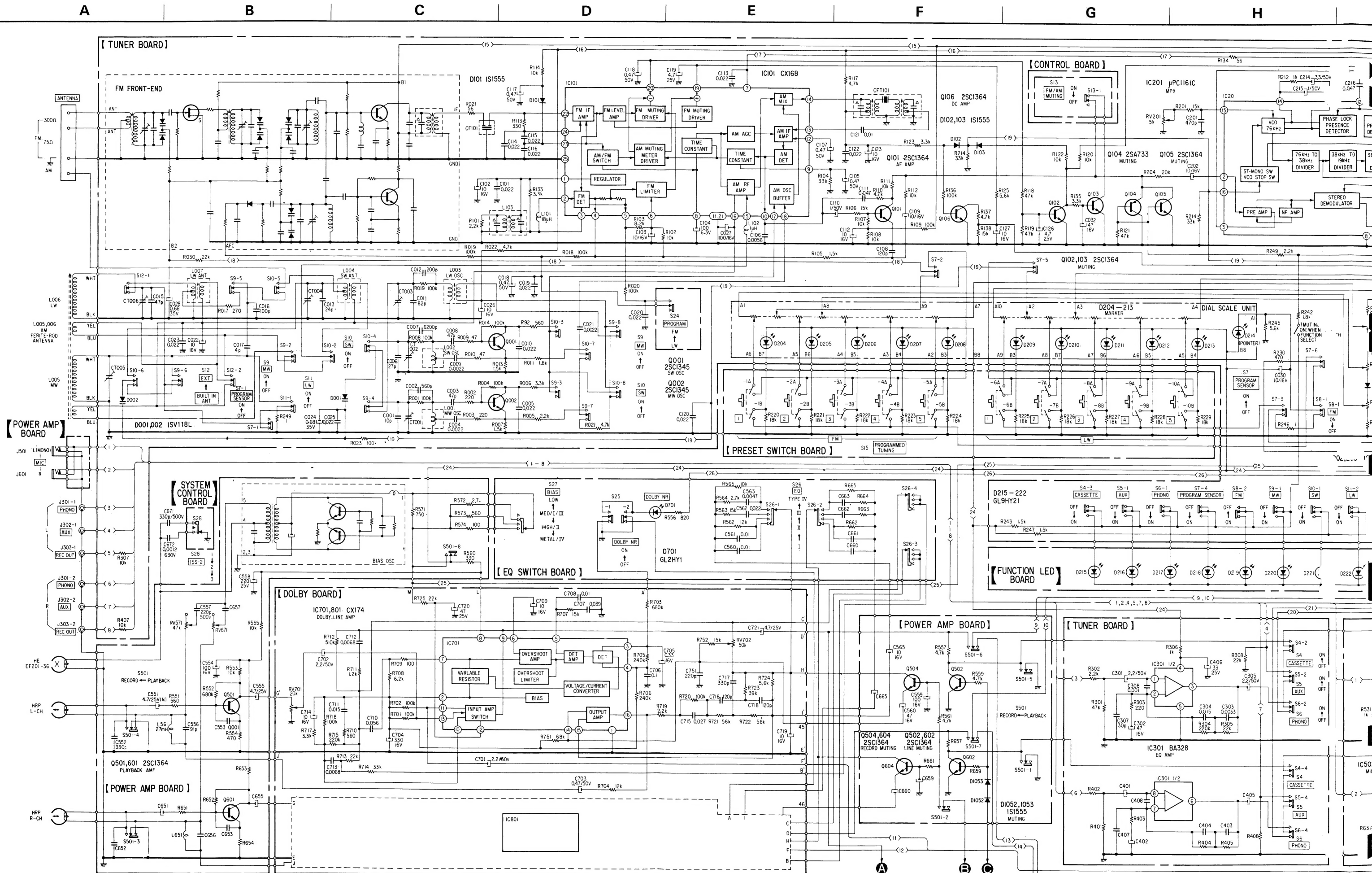


1-5. FUNKTIONSSCHALTBILD

- Audio-Amp -

PSS-300 U

PSS-300 U



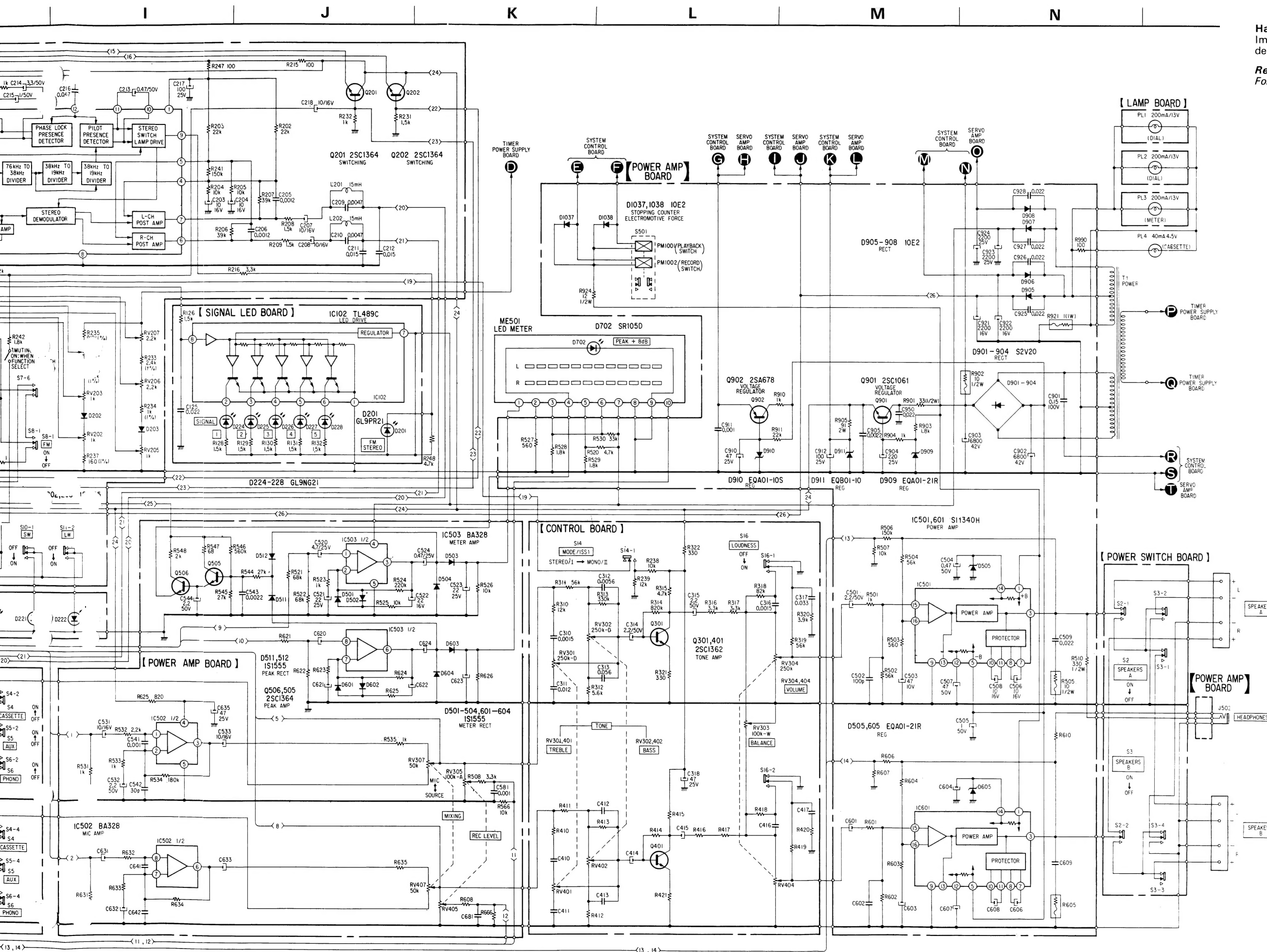
Achtung: Die grau unterlegten und mit diesem Zeichen gekennzeichneten Bauteile sind für die Betriebssicherheit wichtig. Nur durch Original-WEGA-Teile ersetzen.


Halbleiteranschlüsse

Im Reparaturfall folgende Halbleiter benutzen, außer den in Klammern () angegebenen.

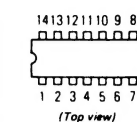
Replacement Semiconductors

For replacement, use semiconductors except in ().

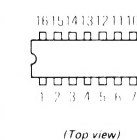


Note: The components identified by shading and mark  are critical for safety. Replace only with part number specified.

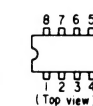
IC 1016: MSM 4069
IC 1014: TC 4011 BP
IC 1013: TC 4071 BP



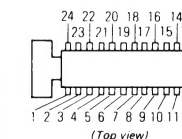
IC 1015: μ PD 4049C
IC 701: CX 174
IC 801: CX 174
IC 1017: MSM 5953



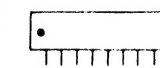
IC 1001: CX 069
IC 1002: μ PC 4558 C
IC 102: TL 489 CP



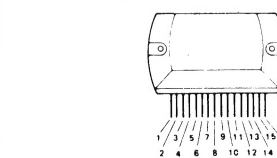
IC101: CX168



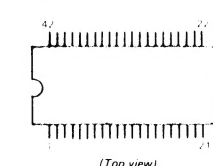
IC301, 503: BA328



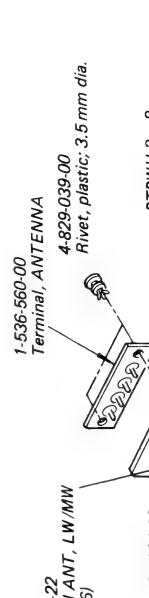
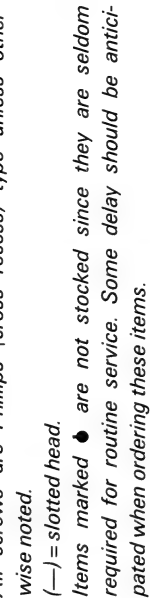
IC501, 601: SI-1340H



IC 1011: μ PD 547 CO 42



4

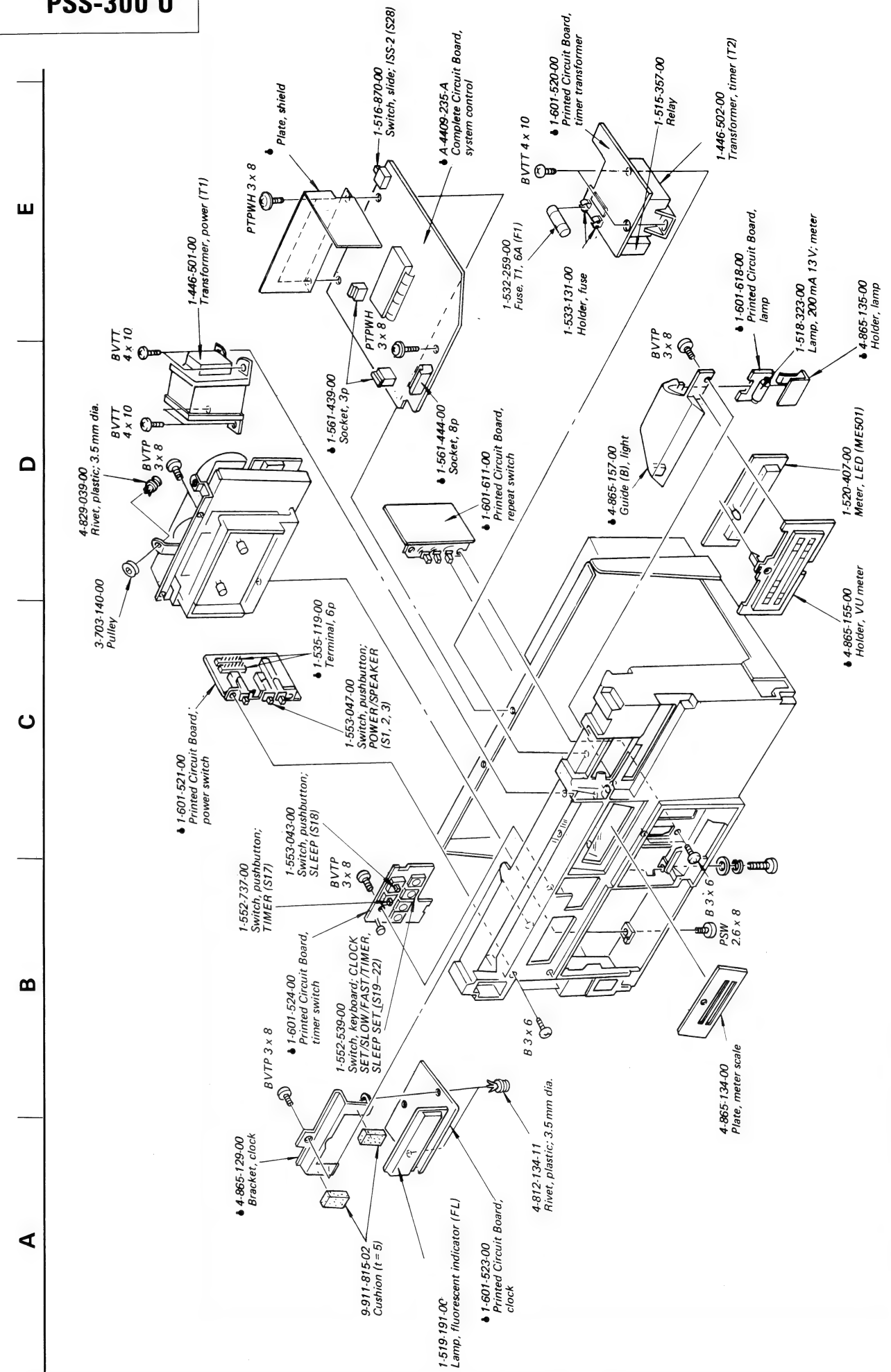
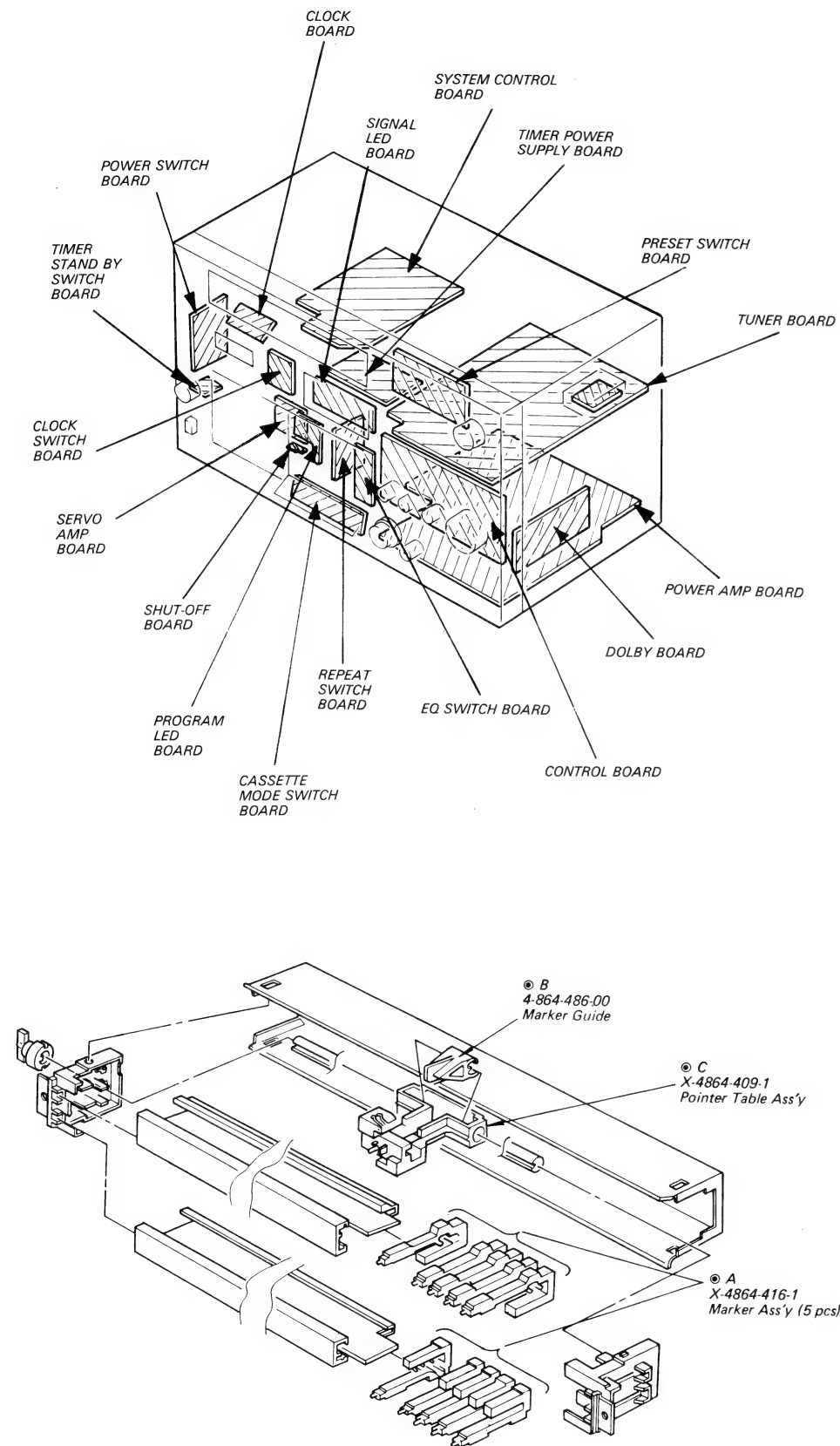


- All screws are Phillips (cross recess) type unless otherwise noted.
- (—) = slotted head.
- Items marked ♣ are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

1-552-539-00 / 4-865-137-00
Switch, keyboard: FF, FWD, REC,
PAUSE, REC MUTE, STOP
Control, DOLBY NR,
EQ, BIAS
Switch, slide: EQ, BIAS
(S26, 27)

LEITERPLATTENANORDNUNG

CIRCUIT BOARD LOCATION

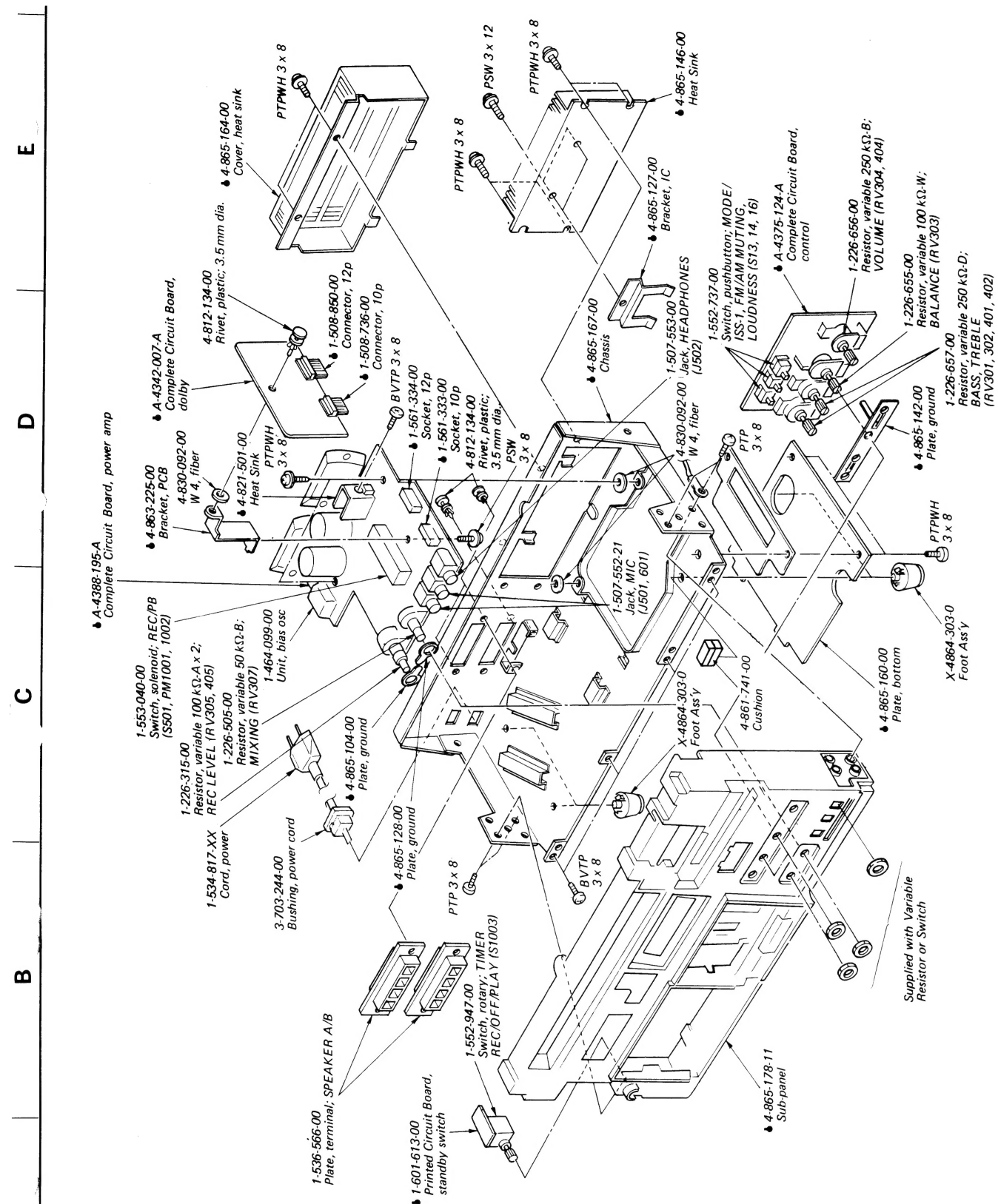



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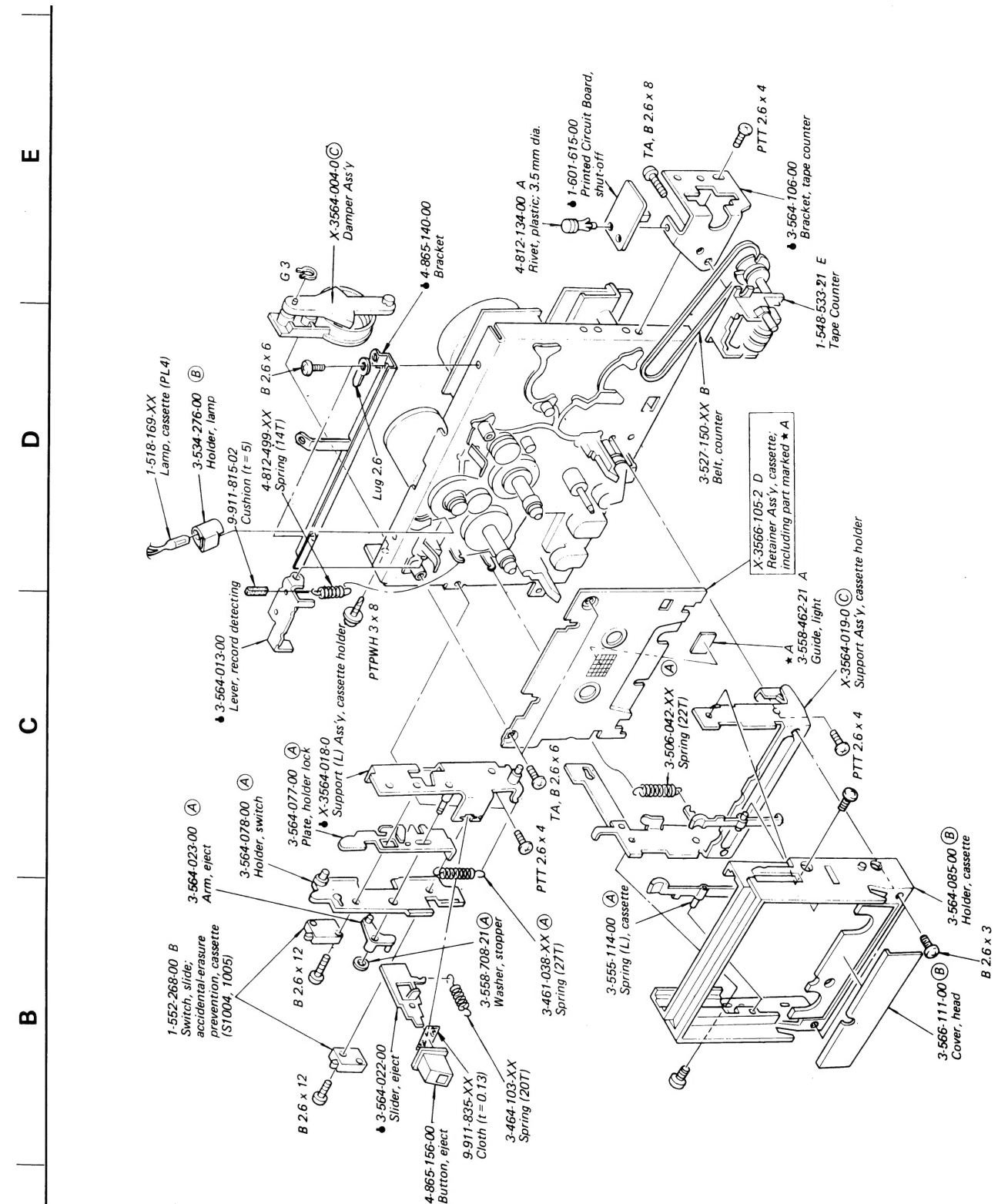
– Alle Schrauben sind Kreuzschlitzschrauben, wenn nicht anders angegeben. (—) = Schlitz.

- Die mit gekennzeichneten Teile sind nicht auf Lager, weil sie selten benötigt werden. Verzögerung bei der Lieferung möglich.



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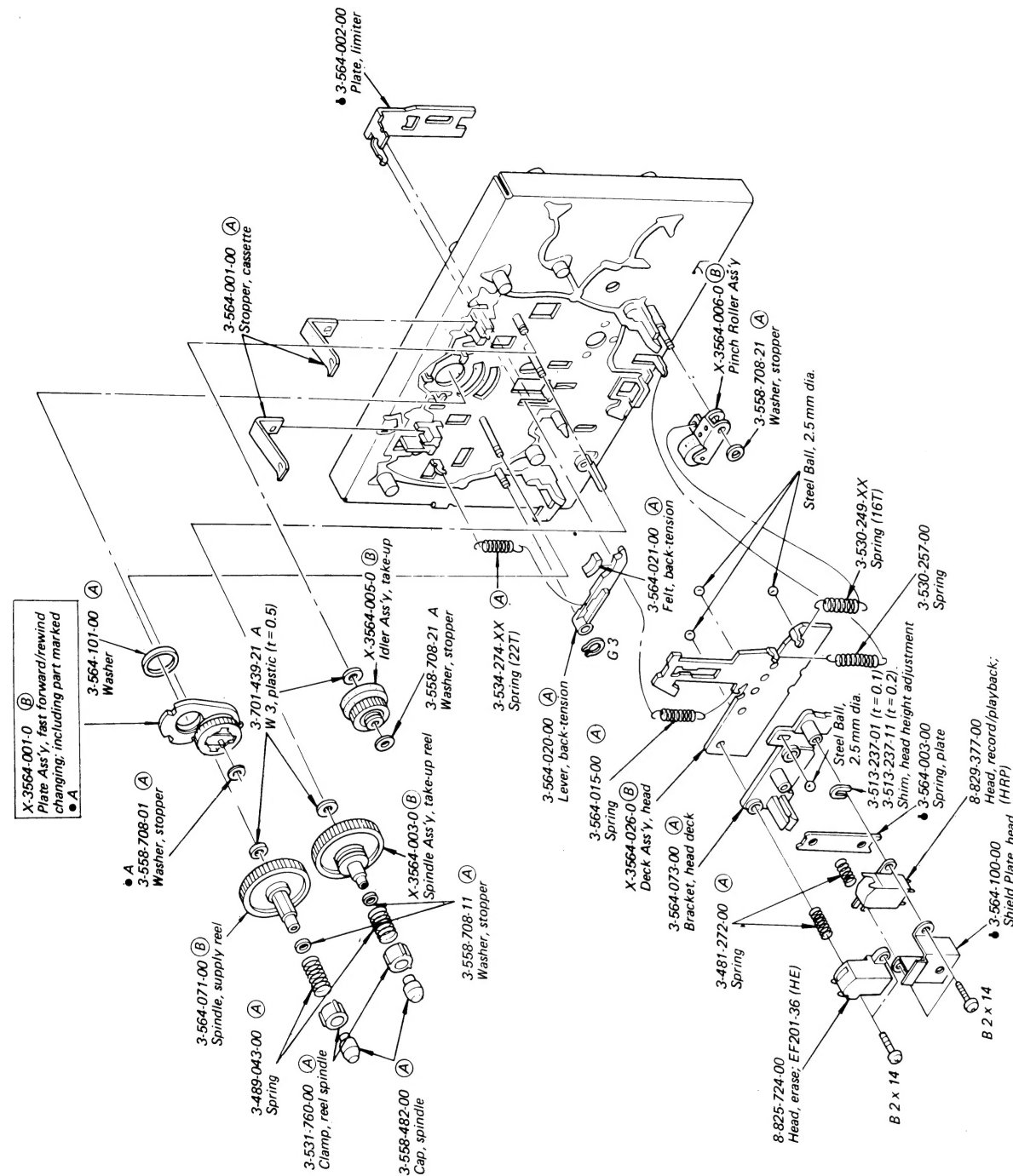
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A B C D E



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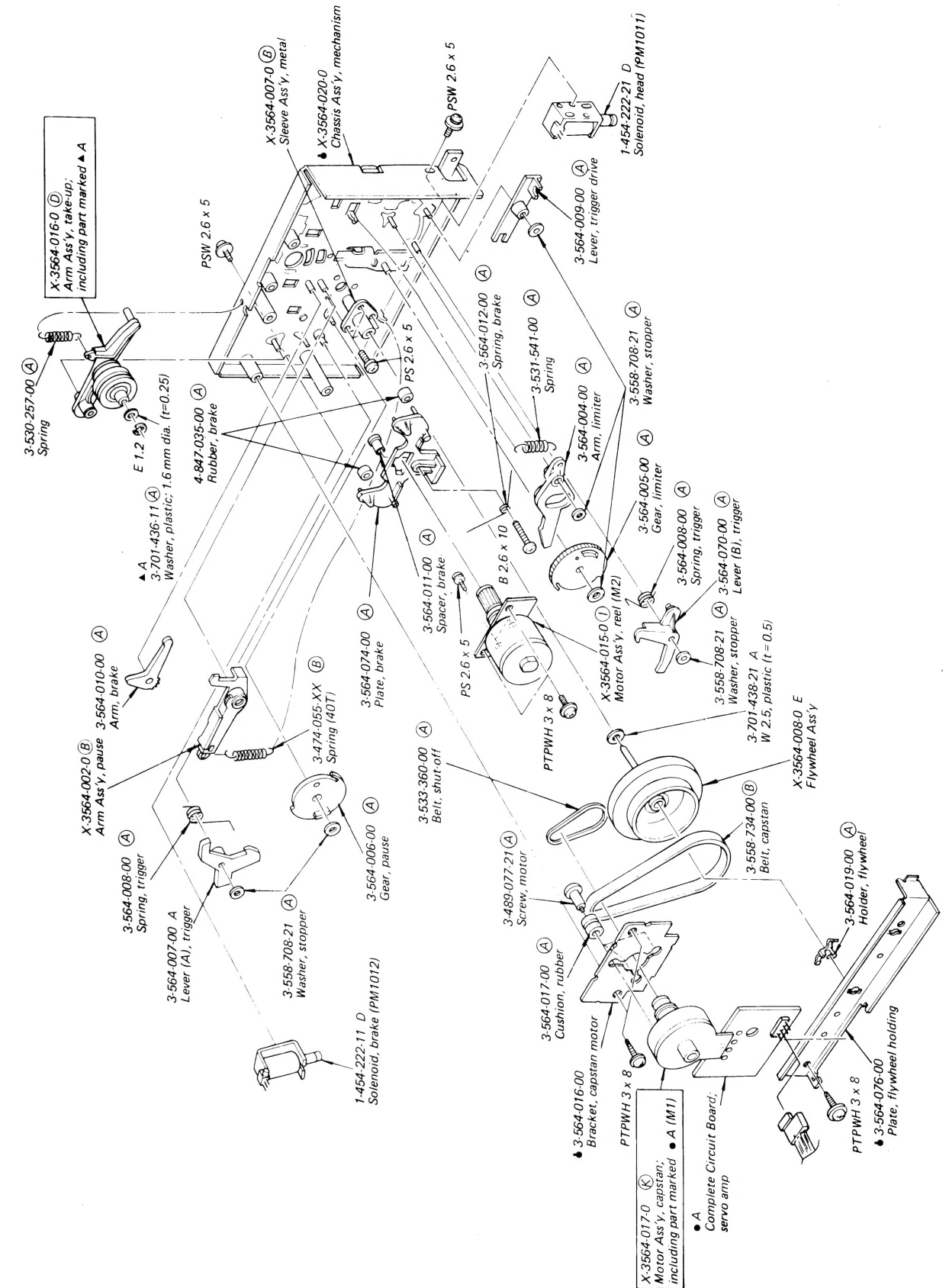
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1

2

4

A B C D E



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- (—)=slotted head.
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1

2

4

TEIL 3
ERSATZTEILLISTE

SECTION 3
ELECTRICAL PARTS LIST

| Nr. No. | Sachnr. Part No. | Beschreibung Description |
|---------------------------------------|---------------------|-----------------------------|
| HALBLEITER SEMICONDUCTORS | | |
| Transistoren Transistors | | |
| Q001, 002 | 8-729-334-58 | 2SC1345 |
| Q101-103 | 8-729-663-47 | 2SC1364 |
| Q104 | 8-729-612-77 | 2SA1027R |
| Q105, 106 | 8-729-663-47 | 2SC1364 |
| Q201, 202 | 8-729-663-47 | 2SC1364 |
| Q301 | 8-729-665-47 | 2SC1362 |
| Q401 | 8-729-665-47 | 2SC1362 |
| Q501, 502 | 8-729-663-47 | 2SC1364 |
| Q504-506 | 8-729-663-47 | 2SC1364 |
| Q601 | 8-729-665-47 | 2SC1362 |
| Q602 | 8-729-663-47 | 2SC1364 |
| Q604 | 8-729-663-47 | 2SC1364 |
| Q901 | 8-729-316-12 | 2SC1061 |
| Q902 | 8-729-612-77 | 2SA1027R |
| Q952-957 | 8-729-663-47 | 2SC1364 |
| Q1001, 1002 | 8-729-663-47 | 2SC1364 |
| Q1003 | 8-729-141-43 | 2SD414 |
| Q1004 | 8-729-154-83 | 2SB548 |
| Q1005 | 8-729-141-43 | 2SD414 |
| Q1006 | 8-729-154-83 | 2SB548 |
| Q1011 | 8-729-101-13 | PH103 |
| Q1012 | 8-729-663-47 | 2SC1364 |
| Q1013 | 8-729-141-43 | 2SD414 |
| Q1014 | 8-729-154-83 | 2SB548 |
| Q1015 | 8-729-663-47 | 2SC1364 |
| Q1016, 1017 | 8-729-100-13 | 2SC2001 |
| Q1018, 1019 | 8-729-217-33 | 2SC1173 |
| Q1020, 1021 | 8-729-663-47 | 2SC1364 |
| Q1022 | 8-729-612-77 | 2SA1027R |
| Q1023 | 8-729-156-43 | 2SB564 |
| Q1024-1026 | 8-729-663-47 | 2SC1364 |
| Q1027 | 8-729-195-23 | 2SA952 |
| IC IC's | | |
| IC101 | 8-751-680-01 | CX168 |
| IC102 | 8-759-904-89 | TL489CP |
| IC201 | 8-759-111-61 | μPC1161C |
| IC301 | 8-759-932-80 | BA328 |
| IC501 | 8-759-313-40 | SI1340H |
| IC502, 503 | 8-759-932-80 | BA328 |
| IC601 | 8-759-313-40 | SI1340H |
| IC701 | 8-759-101-74 | CX174 |
| IC801 | 8-759-101-74 | CX174 |
| IC951 | 1-800-674-11 | TMS1943N2L |

| Nr. No. | Sachnr. Part No. | Beschreibung Description |
|---------------------------|---------------------|-----------------------------|
| IC1001 | 8-750-690-00 | CX069 |
| IC1002 | 8-759-145-58 | μPC4558C |
| IC1011 | 8-759-147-42 | μPD547C042 |
| IC1012 | 8-759-240-11 | TC4011BP |
| IC1013 | 8-759-240-71 | TC4071BP |
| IC1014 | 8-759-904-69 | MSM4069 |
| IC1015 | 8-759-140-49 | μPD4049C |
| IC1016 | 8-759-904-69 | MSM4069 |
| IC1017 | 8-759-959-53 | MSM5953 |
| Dioden Diodes | | |
| D001, 002 | 8-719-100-81 | 1SV118L |
| D101-103 | 8-719-815-55 | 1S1555 |
| D201 | 8-719-909-21 | GL9PR21 |
| D202, 203 | 8-719-815-55 | 1S1555 |
| D204 | 8-719-910-40 | MV104V |
| D215-221 | 8-719-909-23 | GL9HY21 |
| D224-228 | 8-719-909-22 | GL9NG21 |
| D501-504 | 8-719-815-55 | 1S1555 |
| D505 | 8-719-931-21 | EQB01-21 |
| D511, 512 | 8-719-815-55 | 1S1555 |
| D601-604 | 8-719-815-55 | 1S1555 |
| D605 | 8-719-931-21 | EQB01-21 |
| D701 | 8-719-900-21 | GL2HY1 |
| D702 | 8-719-812-41 | TLR124 |
| D901-904 | 8-719-911-55 | U05G |
| D905-908 | 8-719-200-02 | 10E2 |
| D909 | 8-719-931-21 | EQB01-21 |
| D910, 911 | 8-719-931-10 | EQB01-10 |
| D951-953 | 8-719-200-02 | 10E2 |
| D954, 955 | 8-719-909-23 | GL9HY21 |
| D956-958 | 8-719-815-55 | 1S1555 |
| D959 | 8-719-200-02 | 10E2 |
| D960 | 8-719-931-33 | EQB01-33 |
| D961 | 8-719-931-06 | EQB01-06 |
| D1001 | 8-719-910-65 | HZ6B2L |
| D1002, 1003 | 8-719-841-01 | F1410 |
| D1011 | 8-719-101-11 | SR110 |
| D1012 | 8-719-900-21 | GL2HY1 |
| D1015-1034 | 8-719-815-55 | 1S1555 |
| D1035, 1036 | 8-719-911-55 | U05G |
| D1037, 1038 | 8-719-200-02 | 10E2 |
| D1039 | 8-719-815-55 | 1S1555 |
| D1041 | 8-719-909-03 | GL9N03D |
| D1042 | 8-719-313-31 | SEL1331G |
| D1043 | 8-719-311-12 | SEL1112R |
| D1044 | 8-719-317-41 | SEL1741Y |
| D1045-1051 | 8-719-815-55 | 1S1555 |
| D1052, 1053 | 8-719-815-55 | 1S1555 |

| Nr. No. | Sachnr. Part No. | Beschreibung Description |
|--|---------------------|-----------------------------|
| SPULEN UND TRANSFORMATOREN COILS AND TRANSFORMATORS | | |
| L001 | 1-405-881-00 | MW Osc Coil |
| L002 | 1-405-885-00 | SW Osc Coil |
| L003 | | LW Osc Coil |
| L004 | 1-401-883-00 | LW/MW ferrite-rod antenna |
| L005 | 1-401-822-00 | Antenna Coil |
| L006 | 1-401-833-00 | LW/MW ferrite-rod antenna |
| L007 | 1-401-819-00 | Antenna Coil |
| L101 | 1-407-741-21 | Microinductor, 18 μH |
| L102 | 1-407-681-00 | Microinductor, 1 μH |
| L103 | 1-404-157-00 | FM Discriminator |
| L201, 202 | 1-407-963-00 | Microinductor, 15 mH |
| L561, 661 | 1-407-878-00 | Microinductor, 27 mH |
| L951 | 1-407-177-00 | Microinductor, 470 μH |
| L1001 | 1-405-800-00 | Osc transformer |
| L1002 | 1-407-177-00 | Microinductor, 470 μH |
| T2 | 1-446-502-00 | Transformer, timer |
| T1 | 1-446-501-00 | Transformer, power |

WIDERSTÄNDE RESISTORS

Alle Widerstandswerte sind in Ohm. Normale 1/4 W Widerstände sind nicht aufgeführt. Die Sachnummern für diese Widerstände sind in der Liste auf Seite 30 zusammengefaßt.

All resistors are in ohms. Common 1/4 W carbon resistors are omitted. Refer to page 30 for their part numbers.

kΩ : 1000Ω; MΩ : 1000 kΩ.

| | | |
|-----------|--------------|---------------------------------|
| R505, 605 | 1-212-958-00 | 10 1/2 W fusible |
| R510, 610 | 1-244-861-00 | 330 1/2 W solid |
| R902 | 1-212-958-00 | 10 1/2 W fusible |
| R905 | 1-206-486-00 | 91 2 W metal oxide |
| R921, 922 | 1-212-934-00 | 1 1/2 W fusible |
| R1019, 1 | 1-212-958-00 | 10 1/2 W fusible |
| R1020, 1 | | |
| R1036 | 1-213-143-00 | 1k 1/2 W metal oxide |
| RV201 | 1-226-235-00 | 5k-B, adjustable; carbon |
| RV202 | 1-224-249-31 | 1k-B, adjustable; metal oxide |
| RV203 | 1-224-249-31 | 1k-B, adjustable; metal oxide |
| RV204 | 1-224-250-00 | 2.2k-B, adjustable; metal oxide |
| RV205 | 1-224-249-00 | 1k-B, adjustable; metal oxide |
| RV206 | 1-224-250-00 | 2.2k-B, adjustable; metal oxide |
| RV207 | 1-224-250-00 | 2.2k-B, adjustable; metal oxide |

| Nr. No. | Sachnr. Part No. | Beschreibung Description |
|------------|---------------------|--|
| RV301/401 | 1-226-657-00 | 250k/250k-D, variable, Treble |
| RV302/402 | 1-226-657-00 | 250k/250k-D, variable, Bass |
| RV303 | 1-226-655-00 | 100k-W variable, Balance |
| RV304/404 | 1-226-656-00 | 250k/250k-B, variable, Vol. |
| RV571/671 | 1-226-238-00 | 50k/ 50k-B, adjustable, REC Bias |
| RV701/801 | 1-226-237-00 | 20k/ 20k-B, adjustable, Playback Level |
| RV702/802 | 1-226-238-00 | 50k/ 50k-B, adjustable, REC Level |
| RV305/405 | 1-226-315-00 | 100k/100k, variable, REC Level |
| RV307/407 | 1-226-505-00 | 50/ 50k, variable, MIXING |
| RV1001 | 1-226-759-00 | 50k, adjustable, SPEED |

KONDENSATOREN CAPACITORS

Wenn nicht anders angegeben, sind alle Kondensatoren in μF und Keramik.

Spannungen unter 50 V sind nicht angegeben, ausgenommen für Elektrolyt-und Tantalkondensatoren.

Elect : Elektrolytkondensator.

All capacitors are in μF and ceramic unless otherwise noted.

50 WV or less are not indicated except for electrolytics and tantalum.


p : μμF, elect : electrolytic.


| | | |
|-----------|--------------|------------------|
| C002 | 1-104-071-00 | 570 pF styrol |
| C007 | 1-104-096-00 | 0.0062 μF styrol |
| C012 | 1-104-060-00 | 200 pF styrol |
| C201 | 1-104-069-00 | 470 pF styrol |
| C557, 657 | 1-107-005-00 | 220 pF mica |
| CT001-006 | 1-141-171-12 | Trimmer |


| | | |
|-------------------------------|--------------|-------------------------|
| SCHALTER SWITCHES | | |
| S1, 2, 3 | 1-553-047-12 | Push, Power/Speaker |
| S4-11 | 1-553-048-00 | Push |
| S12 | 1-552-334-00 | Slide |
| S13, 14 | 1-552-737-12 | Push |
| S15 | 1-553-044-00 | Push |
| S16 | 1-552-737-12 | Push |
| S17 | 1-552-737-12 | Push |
| S18 | 1-553-043-00 | Push, Sleep |
| S19-22, S1007 | 1-552-539-00 | Keyboard |
| S25 | 1-553-049-00 | Slide |
| S26, 27 | 1-553-050-00 | Slide |
| S28 | 1-516-870-00 | Slide |
| S1001 | 1-553-045-21 | Push |
| S1002 | 1-548-533-21 | Counter with contact |
| S1003 | 1-552-947-00 | Rotary |
| S1004, 1005 | 1-552-268-00 | Slide |
| S1006-1013 | 1-552-539-00 | Keyboard |
| S24 | 1-553-046-12 | Push |
| S501, PM1001, 1002 | 1-553-040-00 | Switch, solenoid REC/PB |


Änderungen, die dem technischen Fortschritt dienen, vorbehalten.

Subject to modifications due to standardization.

Achtung:
Die grau unterlegten und mit diesem Zeichen  gekennzeichneten Bauteile sind für die Betriebssicherheit wichtig.
Nur durch Original - WEGA - Teile ersetzen.

Note:
The components identified by shading and mark  are critical for safety. Replace only with part number specified.


Achtung:
Die grau unterlegten und mit diesem Zeichen  gekennzeichneten Bauteile sind für die Betriebssicherheit wichtig.
Nur durch Original - WEGA - Teile ersetzen.


Note:
The components identified by shading and mark  are critical for safety. Replace only with part number specified.

| Nr. No. | Sachnr. Part No. | Beschreibung Description |
|----------------|---------------------|--|
| | SONSTIGES | MISCELLANEOUS |
| C1005 | 1-130-134-00 | Encapsulated Component 0.082 μ F 100V |
| CDS951 | 1-800-779-00 | Photo Conductive Cell |
| CF101 | 1-231-304-91 | Solid State Filter, 10.7 MHz |
| CFT101 | 1-404-226-00 | IFT, triple tune |
| F1 | 1-532-259-00 | Fuse, T1.6A |
| HE | 8-825-724-00 | Erase Head, EF201-36 |
| HRP | 8-829-377-00 | REC/PB Head |
| J301, 302, 303 | 1-507-500-00 | Jack, 2P |
| M1 | X-3564-017-0 | BSL motor, capstan |
| M2 | X-3564-015-0 | Motor, reel |
| ME501 | 1-520-407-00 | Meter |
| PL1, 2, 3 | 1-518-323-31 | Lamp, 13V 200mA |
| PM1011 | 1-454-222-21 | Solenoid, REC head |
| PM1012 | 1-454-222-11 | Solenoid, brake |
| | 1-463-287-00 | Front End |
| | 1-464-099-00 | Bias Osc Unit |
| | 1-507-552-21 | Jack |
| | 1-507-553-21 | Jack |
| | 1-515-357-00 | Relay |
| | 1-518-169-XX | Lamp, 4.5V 40mA |
| | 1-534-817-31 | Cord, power |
| | 1-535-118-21 | Terminal with base, 5P |
| | 1-535-119-21 | Terminal with base, 6P |
| | 1-536-566-00 | Terminal |
| | 1-555-056-00 | Lead with connector |

**ZUBEHÖR UND VERPACKUNGSMATERIAL
ACCESSORIES AND PACKING MATERIALS**

| Sachnr. Part No. | Beschreibung Description |
|---------------------|-----------------------------|
| 3-701-630-00 | Bag, plastic |
| 3-703-259-00 | Warranty Card |
| 3-783-023-00 | Manual, instruction |
| 4-844-449-00 | Label |
| 4-858-078-00 | Sheet, protection |
| 4-865-170-00 | Cushion, lower left |
| 4-865-171-00 | Cushion, lower right |
| 4-865-172-00 | Cushion, upper |
| 4-865-173-00 | Tag |
| 4-865-174-00 | Carton |
| 1-501-161-00 | Feeder Antenna |
| 1-534-492-00 | Antenna Cord |

Achtung:
Die grau unterlegten und mit diesem Zeichen  gekennzeichneten Bauteile sind für die Betriebssicherheit wichtig.
Nur durch Original - WEGA - Teile ersetzen.

Note:
The components identified by shading and mark  are critical for safety. Replace only with part number specified.

SCHWID — ¼ WATT — CARBON RESISTORS

| Ω | Part No. | Ω | Part No. | Ω | Part No. | Ω | Part No. | Ω | Part No. | Ω | Part No. | Ω | Part No. |
|----------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|--------------|
| 1.0 | 1-246-401-00 | 10 | 1-246-425-00 | 100 | 1-246-449-00 | 1.0k | 1-246-473-00 | 10k | 1-246-497-00 | 100k | 1-246-521-00 | 1.0M | 1-246-545-00 |
| 1.1 | 1-246-402-00 | 11 | 1-246-426-00 | 110 | 1-246-450-00 | 1.1k | 1-246-474-00 | 11k | 1-246-498-00 | 110k | 1-246-522-00 | 1.1M | 1-210-814-00 |
| 1.2 | 1-246-403-00 | 12 | 1-246-427-00 | 120 | 1-246-451-00 | 1.2k | 1-246-475-00 | 12k | 1-246-499-00 | 120k | 1-246-523-00 | 1.2M | 1-210-815-00 |
| 1.3 | 1-246-404-00 | 13 | 1-246-428-00 | 130 | 1-246-452-00 | 1.3k | 1-246-476-00 | 13k | 1-246-500-00 | 130k | 1-246-524-00 | 1.3M | 1-210-816-00 |
| 1.5 | 1-246-405-00 | 15 | 1-246-429-00 | 150 | 1-246-453-00 | 1.5k | 1-246-477-00 | 15k | 1-246-501-00 | 150k | 1-246-525-00 | 1.5M | 1-210-817-00 |
| 1.6 | 1-246-406-00 | 16 | 1-246-430-00 | 160 | 1-246-454-00 | 1.6k | 1-246-478-00 | 16k | 1-246-502-00 | 160k | 1-246-526-00 | 1.6M | 1-210-818-00 |
| 1.8 | 1-246-407-00 | 18 | 1-246-431-00 | 180 | 1-246-455-00 | 1.8k | 1-246-479-00 | 18k | 1-246-503-00 | 180k | 1-246-527-00 | 1.8M | 1-210-819-00 |
| 2.0 | 1-246-408-00 | 20 | 1-246-432-00 | 200 | 1-246-456-00 | 2.0k | 1-246-480-00 | 20k | 1-246-504-00 | 200k | 1-246-528-00 | 2.0M | 1-210-820-00 |
| 2.2 | 1-246-409-00 | 22 | 1-246-433-00 | 220 | 1-246-457-00 | 2.2k | 1-246-481-00 | 22k | 1-246-505-00 | 220k | 1-246-529-00 | 2.2M | 1-210-821-00 |
| 2.4 | 1-246-410-00 | 24 | 1-246-434-00 | 240 | 1-246-458-00 | 2.4k | 1-246-482-00 | 24k | 1-246-506-00 | 240k | 1-246-530-00 | 2.4M | 1-244-754-00 |
| 2.7 | 1-246-411-00 | 27 | 1-246-435-00 | 270 | 1-246-459-00 | 2.7k | 1-246-483-00 | 27k | 1-246-507-00 | 270k | 1-246-531-00 | 2.7M | 1-244-755-00 |
| 3.0 | 1-246-412-00 | 30 | 1-246-436-00 | 300 | 1-246-460-00 | 3.0k | 1-246-484-00 | 30k | 1-246-508-00 | 300k | 1-246-532-00 | 3.0M | 1-244-756-00 |
| 3.3 | 1-246-413-00 | 33 | 1-246-437-00 | 330 | 1-246-461-00 | 3.3k | 1-246-485-00 | 33k | 1-246-509-00 | 330k | 1-246-533-00 | 3.3M | 1-244-757-00 |
| 3.6 | 1-246-414-00 | 36 | 1-246-438-00 | 360 | 1-246-462-00 | 3.6k | 1-246-486-00 | 36k | 1-246-510-00 | 360k | 1-246-534-00 | 3.6M | 1-244-758-00 |
| 3.9 | 1-246-415-00 | 39 | 1-246-439-00 | 390 | 1-246-463-00 | 3.9k | 1-246-487-00 | 39k | 1-246-511-00 | 390k | 1-246-535-00 | 3.9M | 1-244-759-00 |
| 4.3 | 1-246-416-00 | 43 | 1-246-440-00 | 430 | 1-246-464-00 | 4.3k | 1-246-488-00 | 43k | 1-246-512-00 | 430k | 1-246-536-00 | 4.3M | 1-244-760-00 |
| 4.7 | 1-246-417-00 | 47 | 1-246-441-00 | 470 | 1-246-465-00 | 4.7k | 1-246-489-00 | 47k | 1-246-513-00 | 470k | 1-246-537-00 | 4.7M | 1-244-761-00 |
| 5.1 | 1-246-418-00 | 51 | 1-246-442-00 | 510 | 1-246-466-00 | 5.1k | 1-246-490-00 | 51k | 1-246-514-00 | 510k | 1-246-538-00 | 5.1M | 1-244-762-00 |
| 5.6 | 1-246-419-00 | 56 | 1-246-443-00 | 560 | 1-246-467-00 | 5.6k | 1-246-491-00 | 56k | 1-246-515-00 | 560k | 1-246-539-00 | | |
| 6.2 | 1-246-420-00 | 62 | 1-246-444-00 | 620 | 1-246-468-00 | 6.2k | 1-246-492-00 | 62k | 1-246-516-00 | 620k | 1-246-540-00 | | |
| 6.8 | 1-246-421-00 | 68 | 1-246-445-00 | 680 | 1-246-469-00 | 6.8k | 1-246-493-00 | 68k | 1-246-517-00 | 680k | 1-246-541-00 | | |
| 7.5 | 1-246-422-00 | 75 | 1-246-446-00 | 750 | 1-246-470-00 | 7.5k | 1-246-494-00 | 75k | 1-246-518-00 | 750k | 1-246-542-00 | | |
| 8.2 | 1-246-423-00 | 82 | 1-246-447-00 | 820 | 1-246-471-00 | 8.2k | 1-246-495-00 | 82k | 1-246-519-00 | 820k | 1-246-543-00 | | |
| 9.1 | 1-246-424-00 | 91 | 1-246-448-00 | 910 | 1-246-472-00 | 9.1k | 1-246-496-00 | 91k | 1-246-520-00 | 910k | 1-246-544-00 | | |

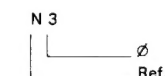
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











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Screw:
- P 3 x 10
















indicates: slotted-head screw.
without indication: cross-recess screw (Phillips type).
bedeutet: Schlitzkopfschraube.
ohne Andeutung: Kreuzschlitzschraube.

Mutter, Ring, Sicherungsring
Nut, Washer, Retaining ring:

**HARDWARE NOMENCLATURE**

| Ref. | Shape Form | Description | Benennung |
|---------------|---|---|---|
| SCREWS | | | |
| P |  | pan-head screw | Flachkopfschraube |
| PWH |  | pan-head screw with washer face | Flachkopfschraube mit Scheibe |
| PS PSP |  | pan-head screw with spring washer | Flachkopfschraube mit Federring |
| PSW PSPW |  | pan-head screw with spring and flat washers | Flachkopfschraube mit Federring und Scheibe |
| R |  | round-head screw | Halbrundschrabe |
| K |  | flat-countersunk-head screw | Senkschraube |
| RK |  | oval-countersunk-head screw | Linsensenkschraube |
| B |  | binding-head screw | Klemmkopfschraube |
| T |  | truss-head screw | Flachrundschrabe |
| F |  | flat-fillister-head screw | Zylinderschraube |
| RF |  | fillister-head screw | Linsenschraube |
| BV |  | braizer-head screw | Rundkopfschraube |

| Ref. | Shape Form | Description | Benennung |
|----------------------------|---|--|--|
| SELF-TAPPING SCREWS | | | |
| TA |  | self-tapping screw | Treibschraube |
| PTP |  | pan-head self-tapping screw | Flachkopftreibschraube |
| PTPWH |  | pan-head self-tapping screw with washer face | Flachkopftreibschraube mit Scheibe |
| PTTWH |  | pan-head thread-rolling screw with washer face | Flachkopfgewinderollschraube mit Scheibe |
| SET SCREWS | | | |
| SC |  | set screw | Gewindestift mit Schlitz |
| SC |  | hexagon-socket set screw | Gewindestift mit 6-Kant |
| NUT | | | |
| N |  | nut | Mutter |
| WASHERS | | | |
| W |  | flat washer | Scheibe |
| SW |  | spring washer | Federring |
| LW |  | internal-tooth lock washer | Zahnscheibe (innen) |
| LW |  | external-tooth lock washer | Zahnscheibe (außen) |
| RETAINING RINGS | | | |
| E |  | retaining ring E-ring | Haltering-Sicherungsring |
| G |  | grip-type retaining ring | Greifring |

WEGA

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